

FIG. 1

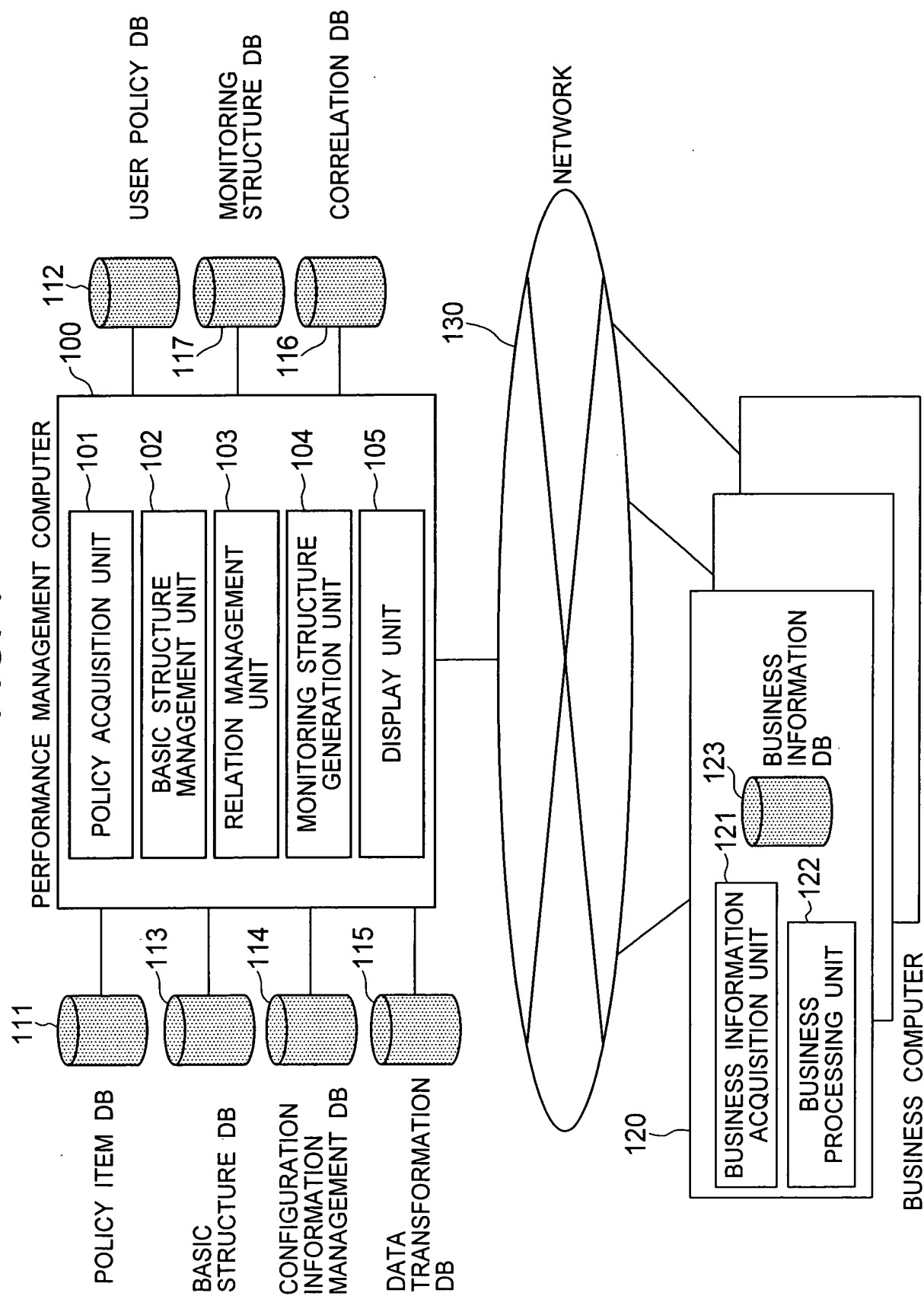


FIG. 2

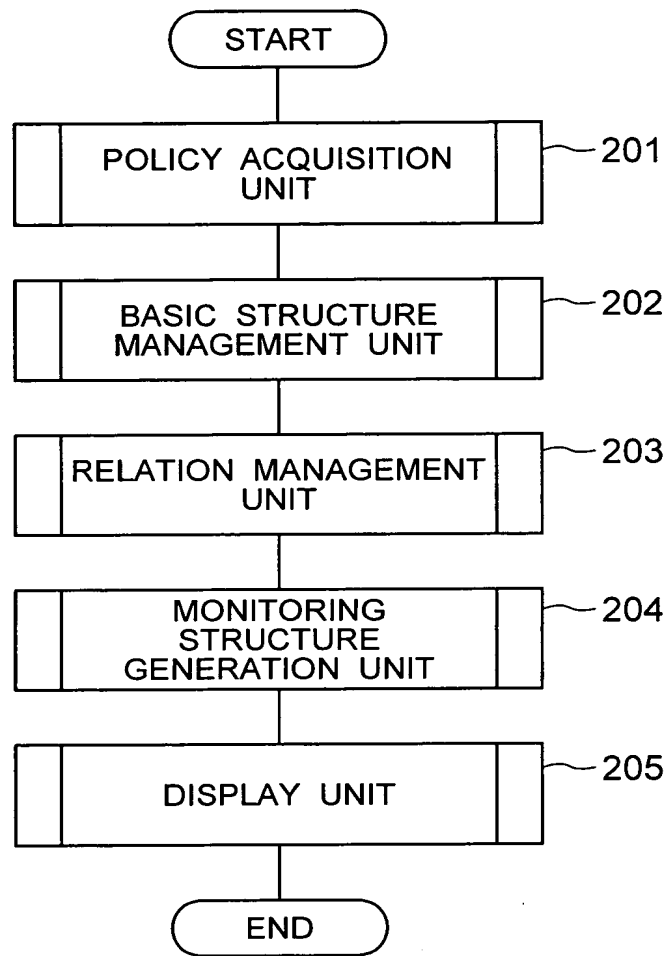


FIG. 3

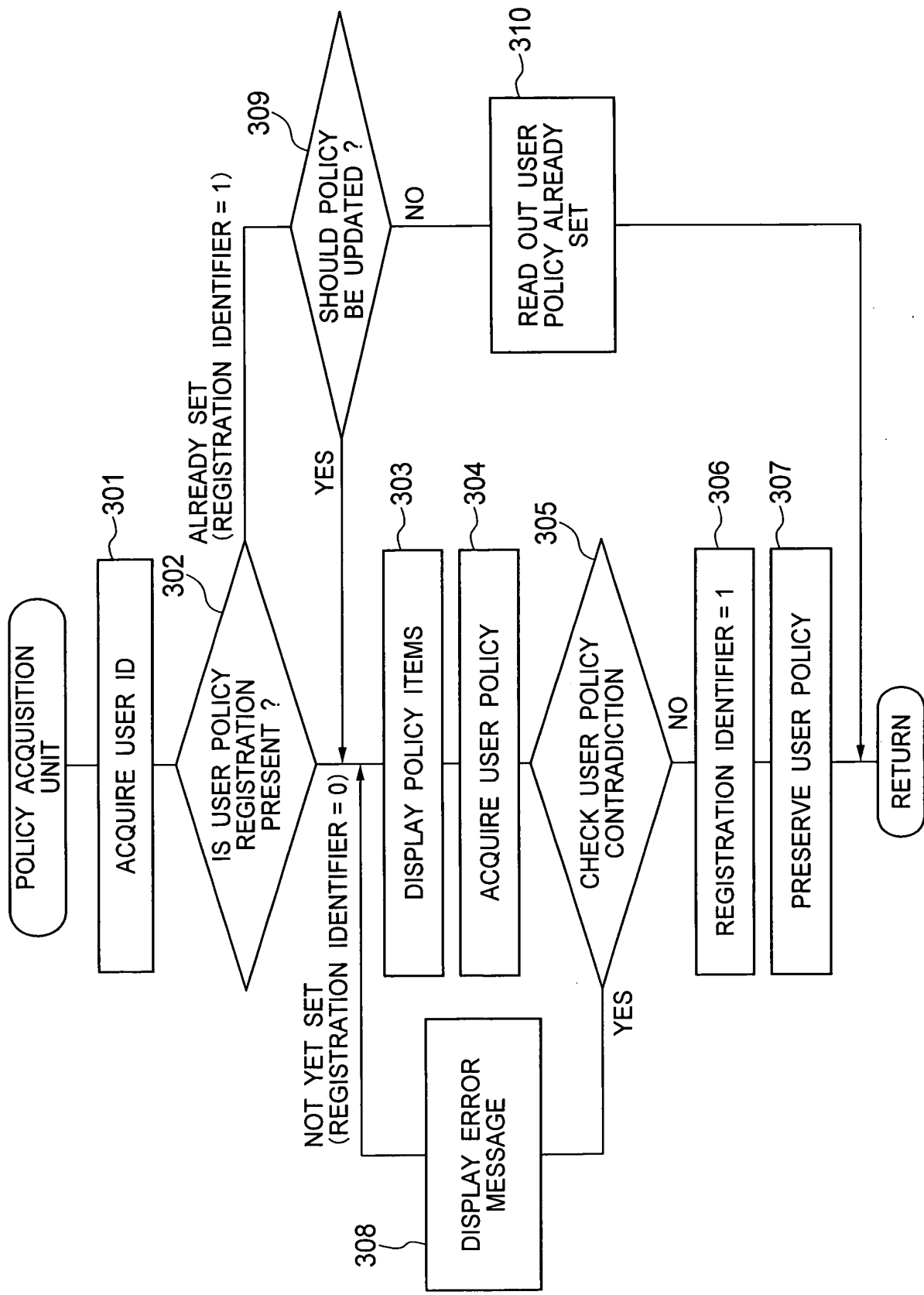


FIG. 4

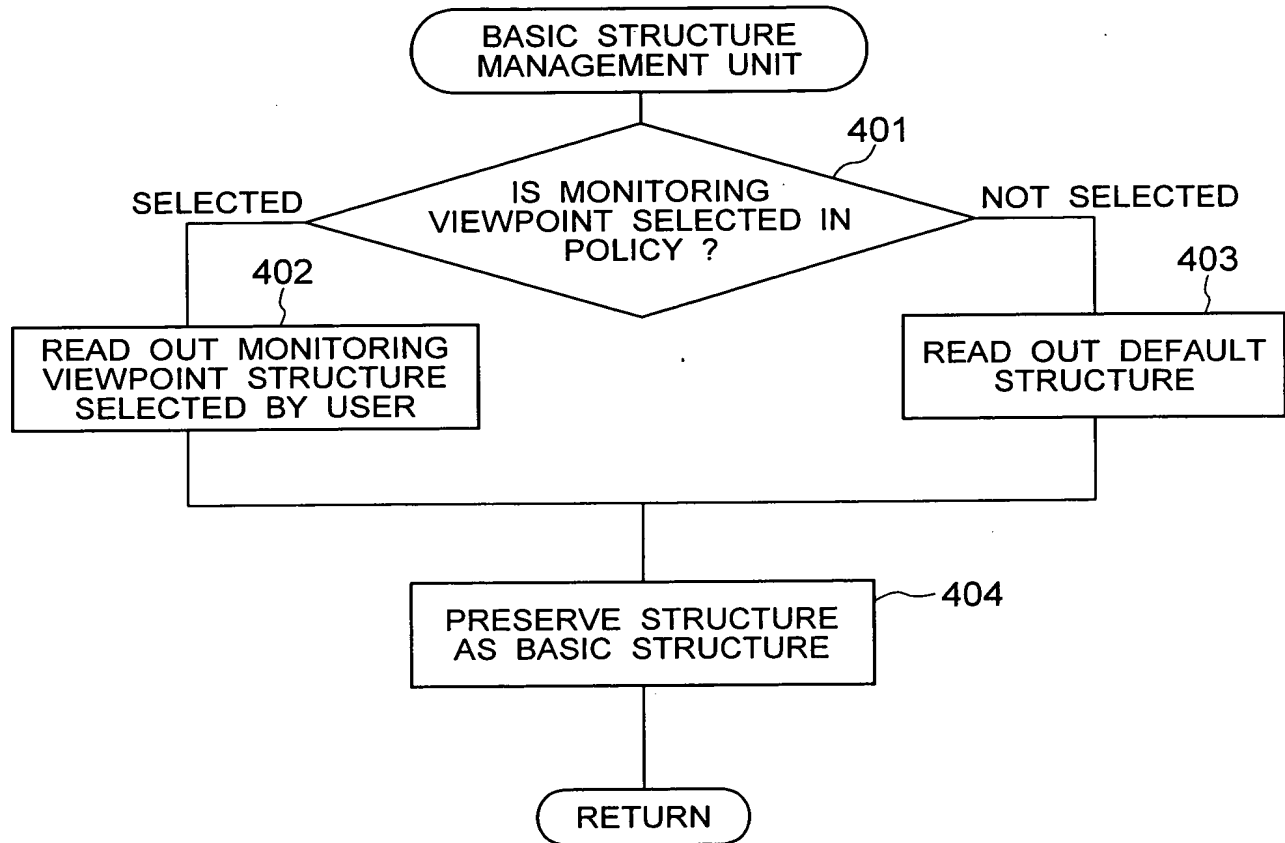


FIG. 5

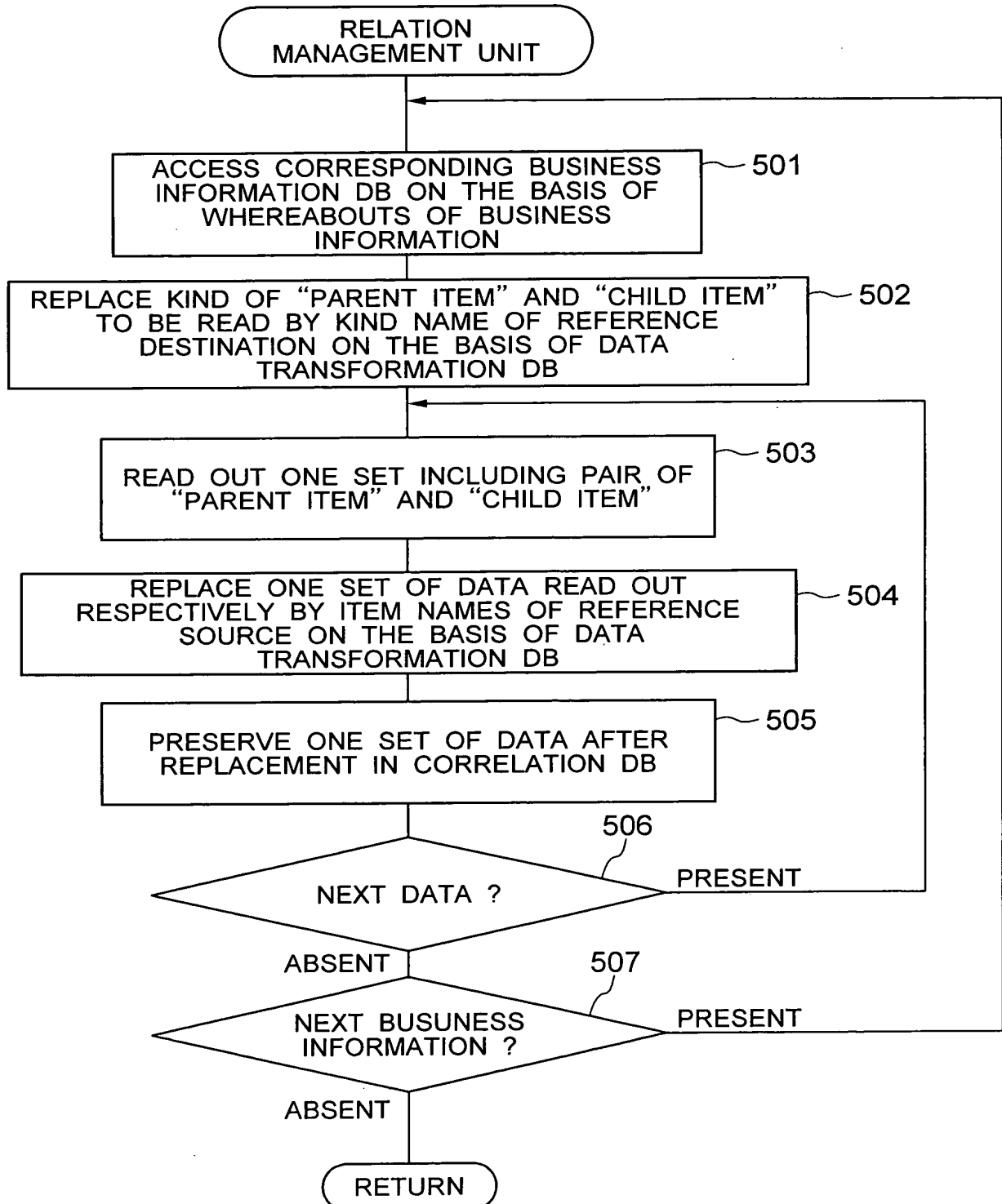


FIG. 6

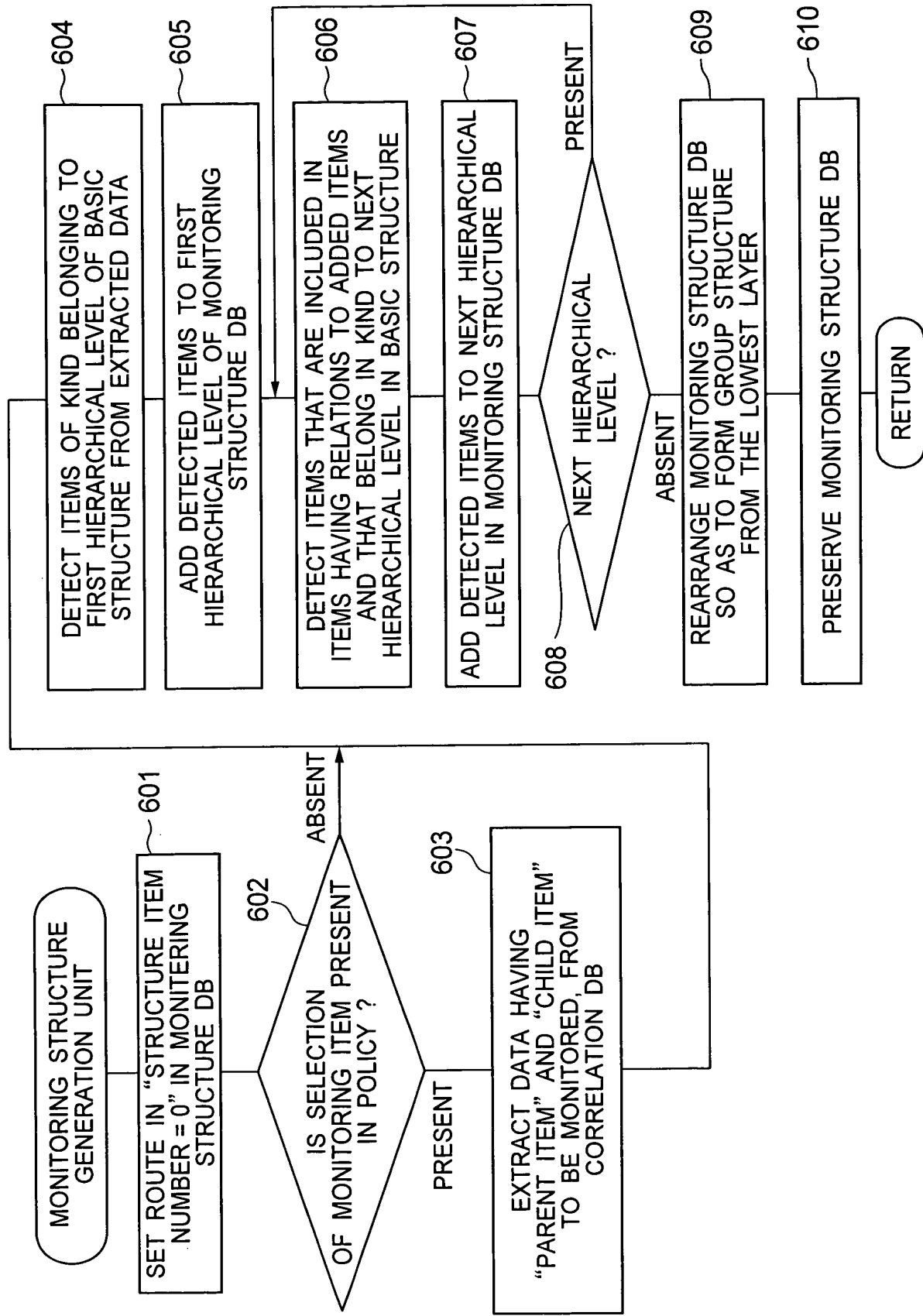


FIG. 7

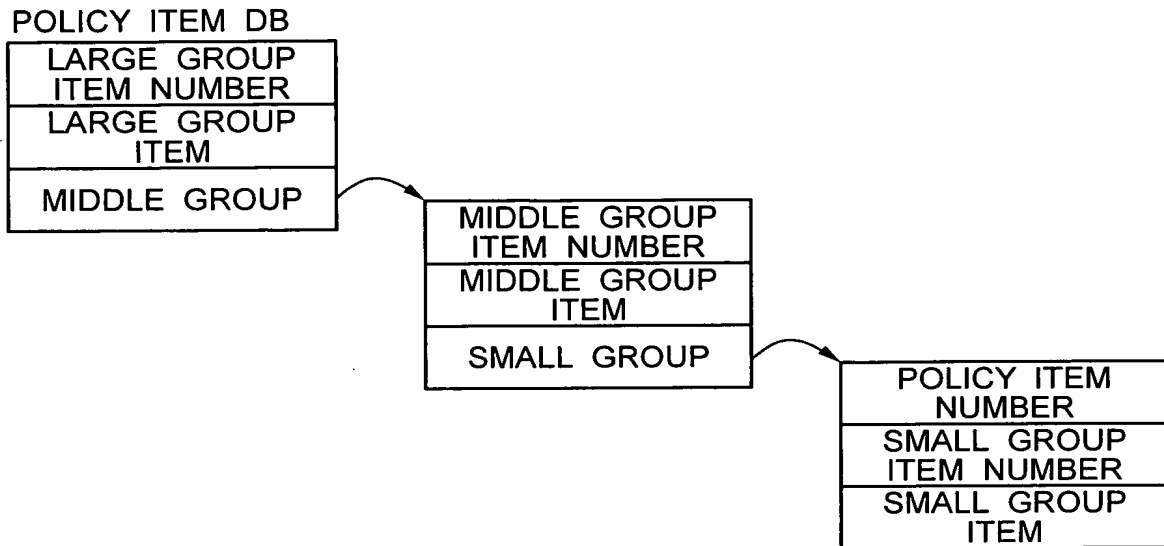


FIG. 8

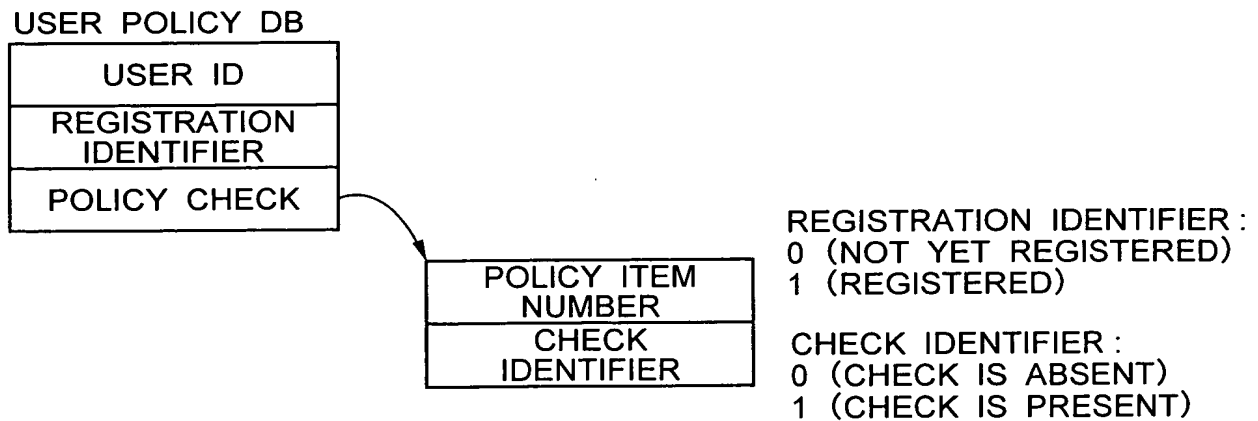


FIG. 9

BASIC STRUCTURE DB

USER ID
HIERARCHICAL STRUCTURE



HIERARCHICAL ITEM NUMBER
HIERARCHICAL KIND

HIERARCHICAL ITEM
NUMBER = 0

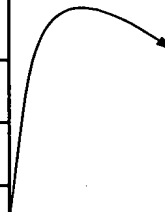


HIERARCHICAL KIND =
ROUTE (FIXED)

FIG. 10

CONFIGURATION INFORMATION
MANAGEMENT DB

CONFIGURATION INFORMATION ITEM NUMBER
BUSINESS INFORMATION NAME
WHEREABOUTS OF BUSINESS INFORMATION
PARENT ITEM KIND
CHILD ITEM KIND



CHILD ITEM KIND 1
CHILD ITEM KIND 2
⋮
CHILD ITEM KIND k

FIG. 11

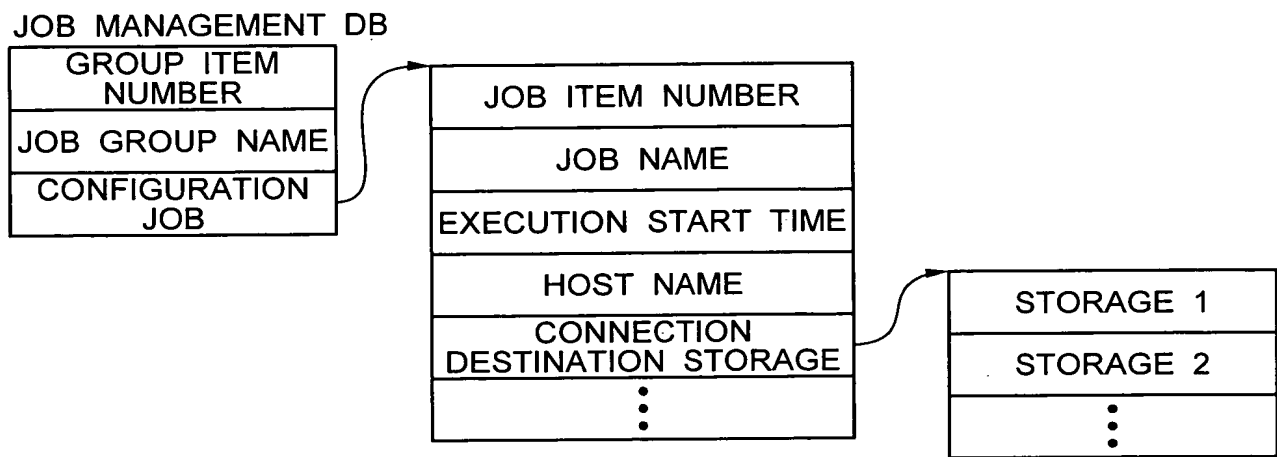


FIG. 12

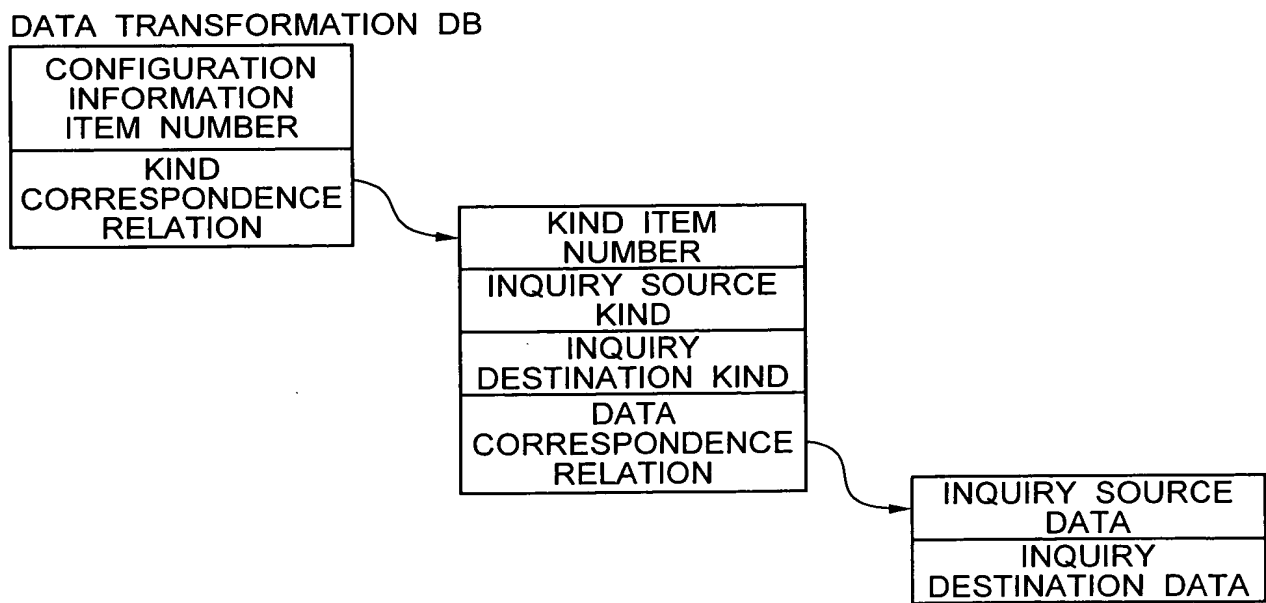


FIG. 13

CORRELATION DB

RELATION ITEM NUMBER
PARENT ITEM KIND
PARENT ITEM NAME
CHILD ITEM KIND
CHILD ITEM NAME

FIG. 14

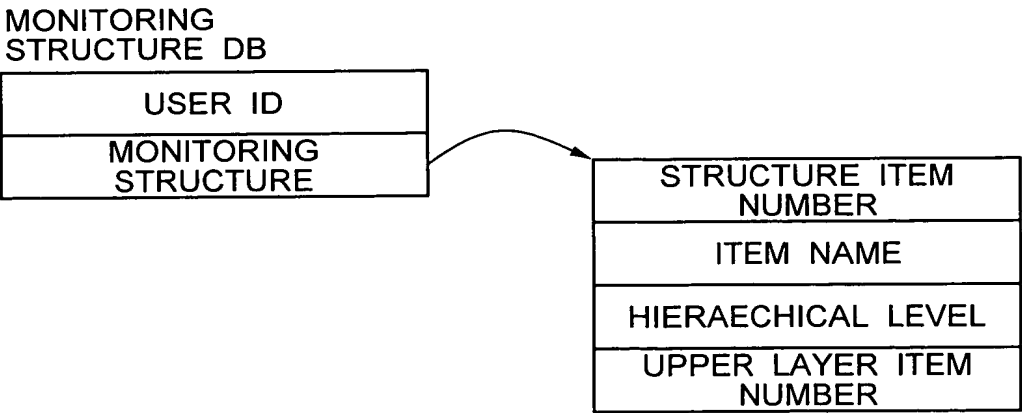


FIG. 15

1. MONITORING VIEWPOINT

SELECT ONE MONITORING VIEWPOINT (STRUCTURE)
FROM THE FOLLOWING.

◆ BUSINESS-ORIENTED

☒ BUSINESS
 └ SERVER
 └ STROAGE

☐ BUSINESS
 └ SERVER
 └ STROAGE

◆ SERVER-ORIENTED

☐ SERVER
 └ BUSINESS
 └ STROAGE

☐ SERVER
 └ BUSINESS
 └ STROAGE

◆ STORAGE-ORIENTED

☐ STROAGE
 └ BUSINESS
 └ SERVER

☐ STROAGE
 └ SERVER
 └ BUSINESS

⋮

⋮

⋮

2. MONITORING ITEM

SELECT ALL ITEMS TO BE MONITORED

◆ BUSINESS

☒ BUSINESS 1
☒ BUSINESS 3
 ⋮

☒ BUSINESS 2
☒ BUSINESS 4
 ⋮

◆ SERVER

☒ SERVER 1
☒ SERVER 3
 ⋮

☒ SERVER 2
☒ SERVER 4
 ⋮

⋮

FIG. 17

USER ID	REGISTRATION IDENTIFIER	POLICY ITEM NUMBER	CHECK IDENTIFIER
0001	1	1	1
0001	1	2	0
0001	1	3	0
⋮	⋮	⋮	⋮
0001	1	9	1
0001	1	10	1
0001	1	11	1
0001	1	12	1
⋮	⋮	⋮	⋮

REGISTRATION IDENTIFIER:
 0 (NOT YET REGISTERED)
 1 (REGISTERED)

CHECK IDENTIFIER:
 0 (CHECK IS ABSENT)
 1 (CHECK IS PRESENT)

FIG. 18

USER ID	HIERARCHICAL ITEM NUMBER	HIERARCHICAL KIND
0001	0	ROUTE
0001	1	BUSINESS
0001	2	SERVER
0001	3	STORAGE

HIERARCHICAL ITEM NUMBER = 0
↓
HIERARCHICAL KIND = ROUTE (FIXED)

FIG. 19

CONFIGURATION INFORMATION ITEM NUMBER	BUSINESS INFORMATION NAME	WHEREABOUTS OF BUSINESS INFORMATION	PARENT ITEM KIND	CHILD ITEM KIND 1	CHILD ITEM KIND 2	...
1	JOB MANAGEMENT	SERVER 1	BUSINESS	SERVER	STORAGE	
2	STORAGE MANAGEMENT	SERVER 2	SERVER	STORAGE		
3	APPLICATION MANAGEMENT	SERVER 3	BUSINESS	SERVER		
4	ERP SOFTWARE SETTING INFORMATION	SERVER 4	BUSINESS	SERVER	STORAGE	
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 20

GROUP ITEM NUMBER	JOB GROUP NAME	JOB ITEM NUMBER	JOB NAME	EXECUTION START TIME	HOST NAME	CONNECTION DESTINATION STORAGE	...
1	JOBGROUP_1	1	JOB001	12 : 00	10.208.40.1	STR_02	...
1	JOBGROUP_1	2	JOB002	13 : 00	10.208.40.1	STR_03	...
1	JOBGROUP_1	3	JOB003	14 : 30	10.208.40.3	STR_02	...
1	JOBGROUP_1	4	JOB004	17 : 00	10.208.40.4	STR_03	...
2	JOBGROUP_2	1	JOB005	22 : 00	10.208.40.5	STR_01	...
2	JOBGROUP_2	2	JOB006	22 : 30	10.208.40.5	STR_01	...
3	JOBGROUP_3	1	JOB007	8 : 00	10.208.40.6	STR_04	...
...

FIG. 21A

CONFIGURATION INFORMATION ITEM NUMBER	KIND ITEM NUMBER	INQUIRY SOURCE KIND	INQUIRY DESTINATION KIND
1	1	BUSINESS	JOB GROUP NAME
1	2	SERVER	HOST NAME
1	3	STORAGE	CONNECTION DESTINATION STORAGE

FIG. 21B

CONFIGURATION INFORMATION ITEM NUMBER	KIND ITEM NUMBER	INQUIRY SOURCE DATA	INQUIRY DESTINATION DATA
1	1	BUSINESS 1	JOBGROUP_1
1	1	BUSINESS 2	JOBGROUP_2
1	1	BUSINESS 3	JOBGROUP_3
⋮	⋮	⋮	⋮
1	2	SERVER 1	10.208.40.1
1	2	SERVER 2	10.208.40.1
1	2	SERVER 3	10.208.40.1
⋮	⋮	⋮	⋮

FIG. 22

RELATION ITEM NUMBER	PARENT ITEM KIND	PARENT ITEM NAME	CHILD ITEM KIND	CHILD ITEM NAME
1	BUSINESS	BUSINESS 1	SERVER	SERVER 1
2	BUSINESS	BUSINESS 1	SERVER	SERVER 2
3	BUSINESS	BUSINESS 1	STORAGE	STORAGE 1
⋮	⋮	⋮	⋮	⋮
8	BUSINESS	BUSINESS 2	SERVER	SERVER 1
9	BUSINESS	BUSINESS 2	SERVER	SERVER 3
10	BUSINESS	BUSINESS 2	STORAGE	STORAGE 2
⋮	⋮	⋮	⋮	⋮

FIG. 23

USER ID	STRUCTURE ITEM NUMBER	ITEM NAME	HIERARCHICAL LEVEL	UPPER LAYER ITEM NUMBER
0001	0	ROUTE	0	---
0001	1	BUSINESS 1	1	0
0001	2	SERVER 1	2	1
0001	3	STORAGE 2	3	2
0001	4	STORAGE 3	3	2
0001	5	SERVER 2	2	1
0001	6	STORAGE 1	3	5
0001	7	STORAGE 2	3	5
⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮
0001	18	BUSINESS 2	1	0
0001	19	SERVER 5	2	18
0001	20	STORAGE 1	3	19
⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮

FIG. 24

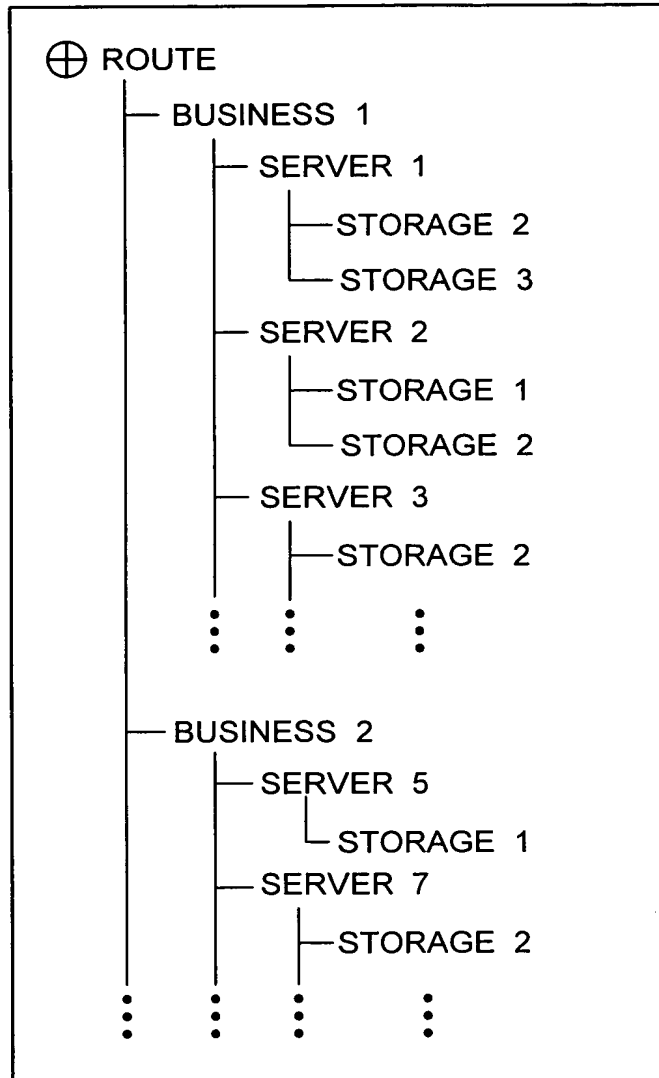


FIG. 25

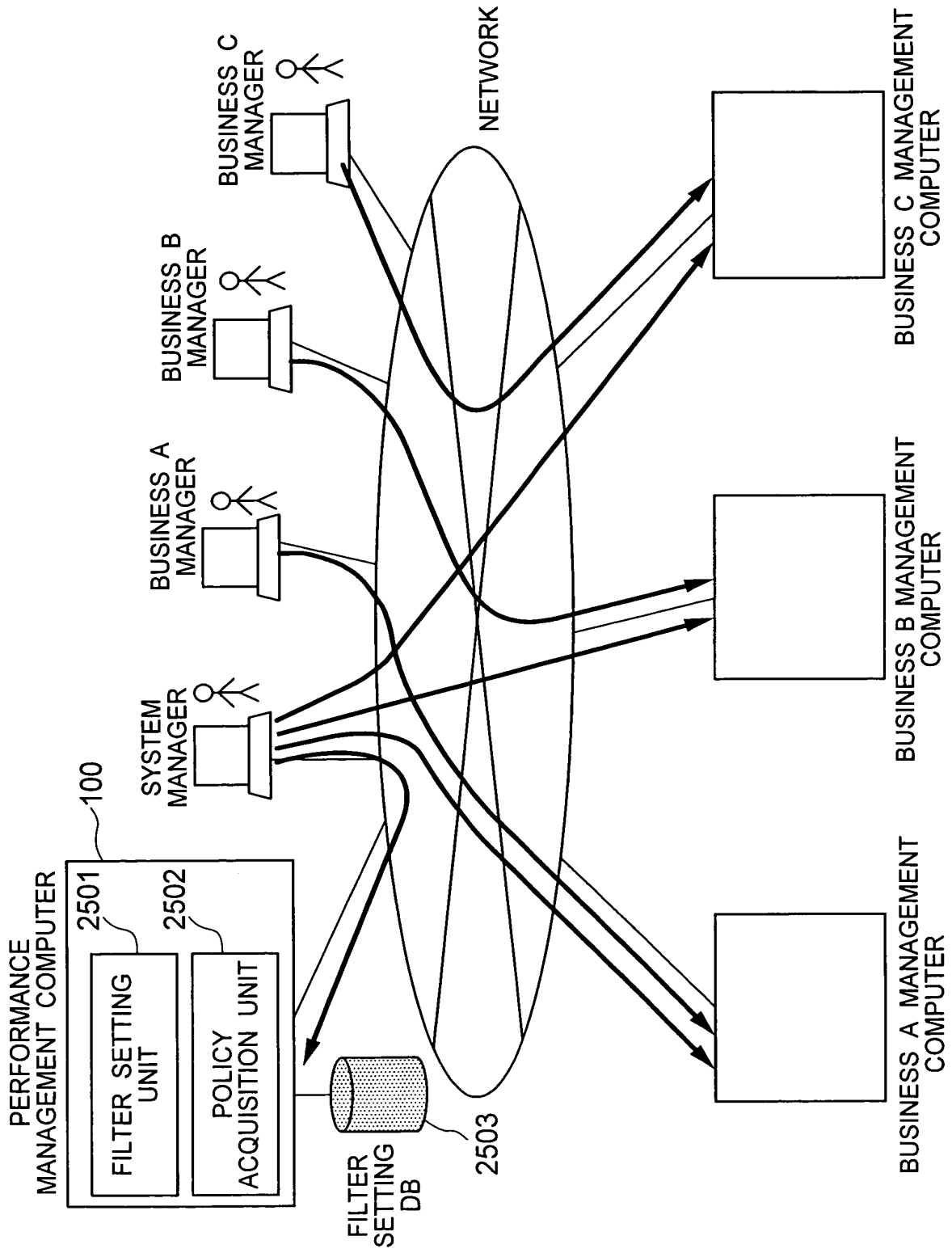


FIG. 26

1. MONITORING VIEWPOINT

SELECT ONE MONITORING STRUCTURE
FROM THE FOLLOWING.

◆ BUSINESS-ORIENTED :

☒ BUSINESS
 └ SERVER
 └ STROAGE

☐ BUSINESS
 └ SERVER
 └ STROAGE

2. MONITORING ITEM

SELECT ALL ITEMS TO BE MONITORED

◆ BUSINESS

☒ BUSINESS 1

◆ SERVER

☒ SERVER 1
☒ SERVER 3
 ⋮

⋮

☒ SERVER 2
☒ SERVER 4
 ⋮

⋮

FIG. 27

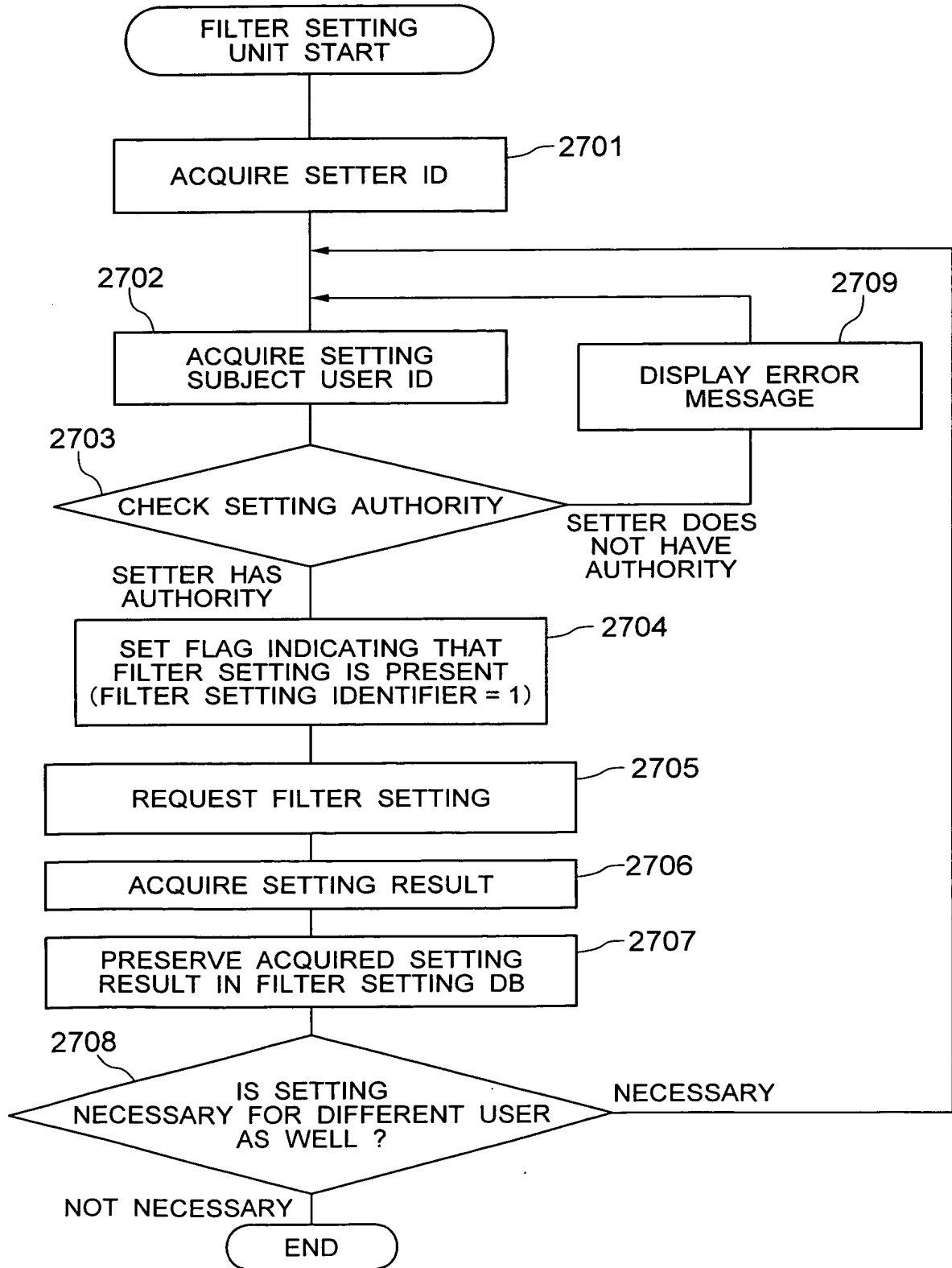


FIG. 28

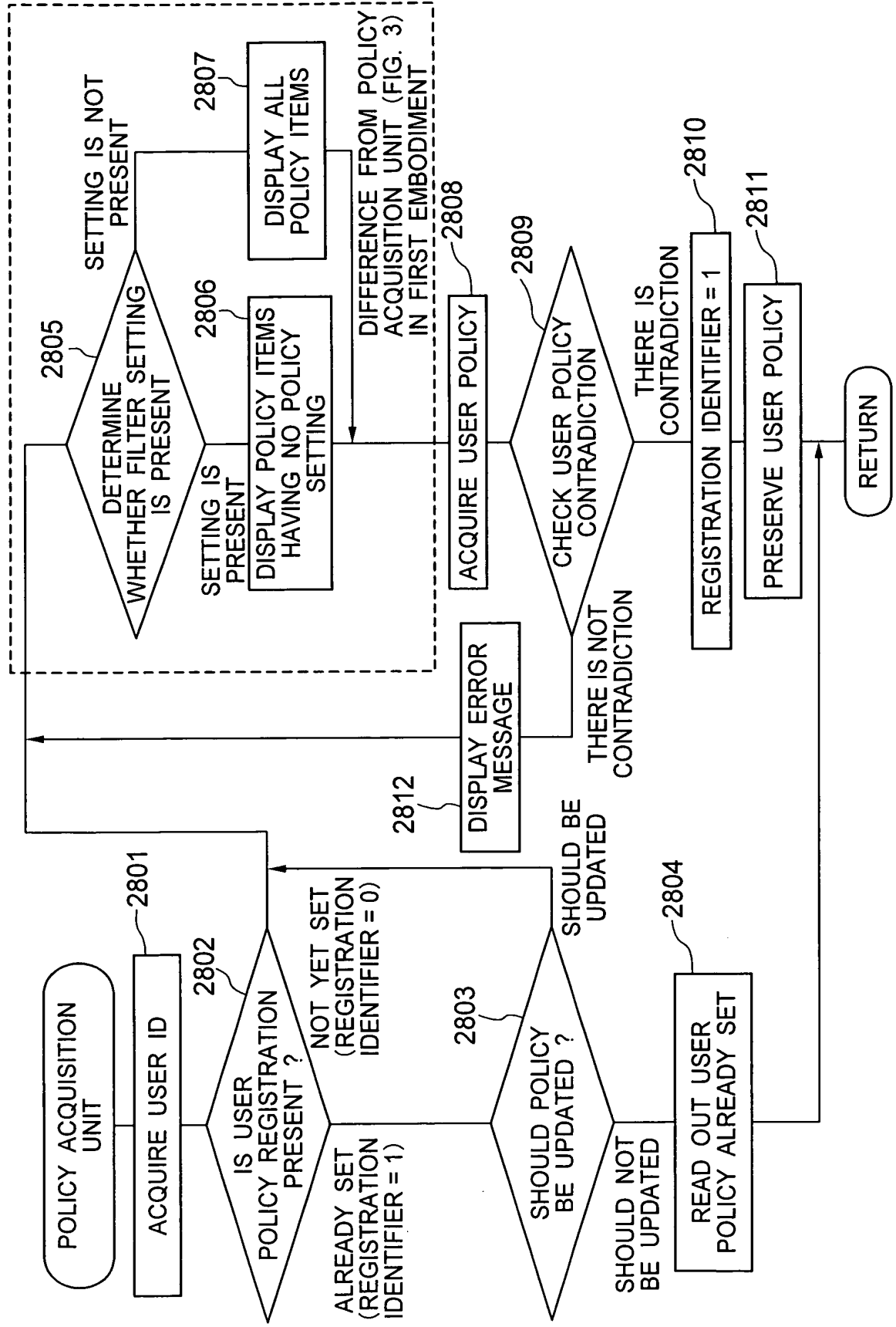
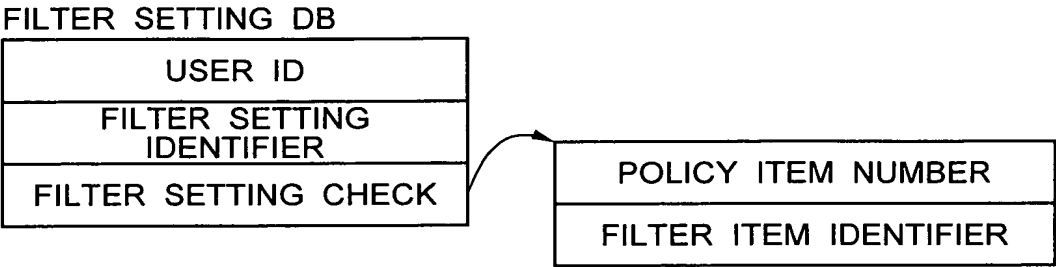


FIG. 29



FILTER SETTING IDENTIFIER :
0 (FILTER IS NOT YET SET FOR PERTINENT USER)
1 (FILTER IS ALREADY SET FOR PERTINENT USER)

FILTER ITEM IDENTIFIER :
0 (FILTER SETTING IS ABSENT IN PERTINENT ITEM)
1 (FILTER SETTING IS PRESENT IN PERTINENT ITEM)

FIG. 30

USER ID	FILTER SETTING IDENTIFIER	POLICY ITEM NUMBER	FILTER ITEM IDENTIFIER
0001	1	1	0
0001	1	2	0
0001	1	3	1
0001	1	4	1
⋮	⋮	⋮	⋮
0001	1	9	0
0001	1	10	1
0001	1	11	1
⋮	⋮	⋮	⋮

FILTER SETTING IDENTIFIER:
0 (FILTER IS NOT YET SET FOR PERTINENT USER)
1 (FILTER IS ALREADY SET FOR PERTINENT USER)

FILTER ITEM IDENTIFIER:
0 (FILTER SETTING IS ABSENT IN PERTINENT ITEM)
1 (FILTER SETTING IS PRESENT IN PERTINENT ITEM)

FIG. 31

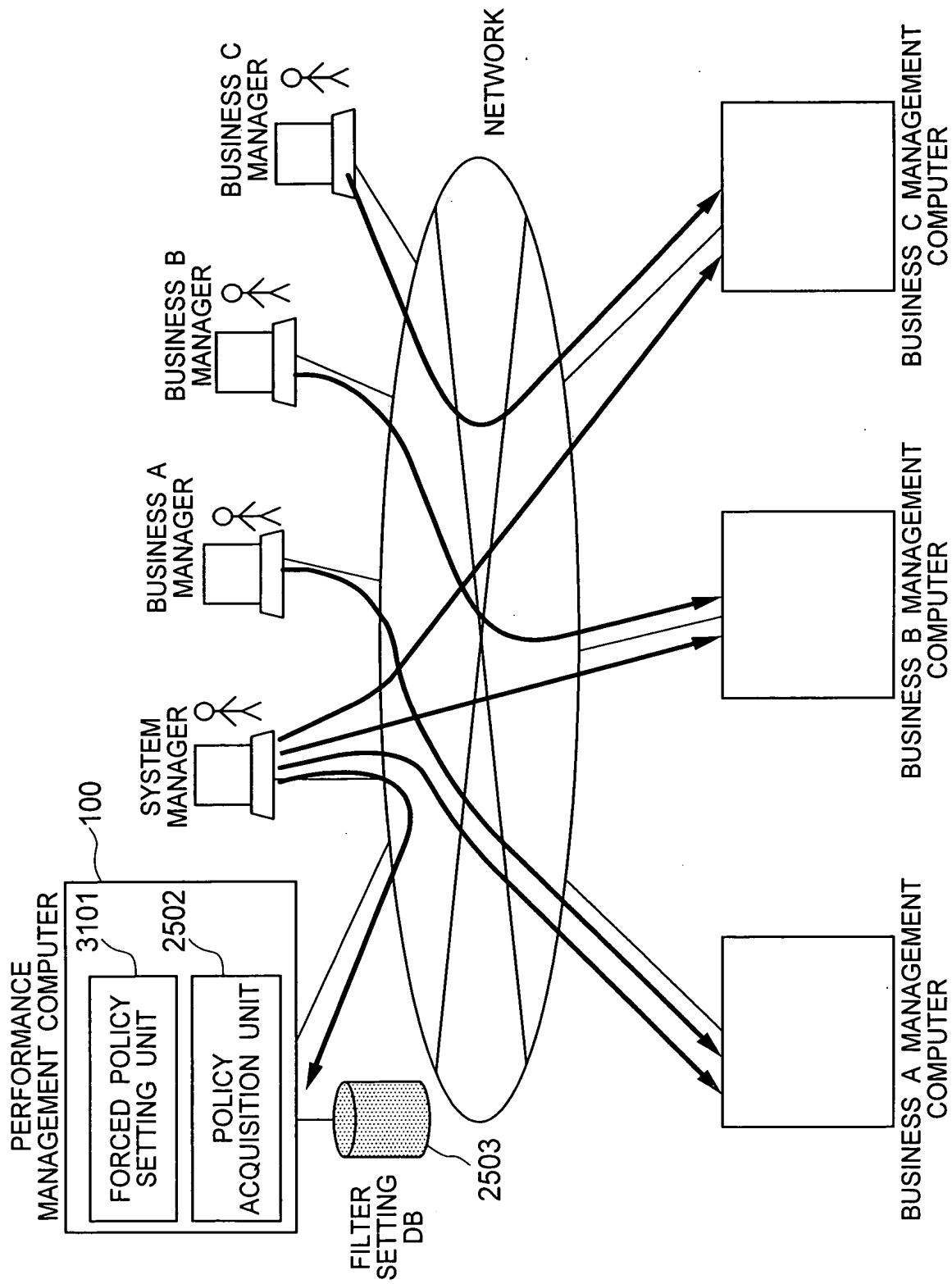


FIG. 32A

FORCED POLICY SETTING VIEW DISPLAYED
FOR SYSTEM MANAGER

1. MONITORING VIEWPOINT

SELECT ONE MONITORING VIEWPOINT
(STRUCTURE) FROM THE FOLLOWING.

◆SERVER-ORIENTED :

☐ SERVER

└ BUSINESS

└ STORAGE

☐ SERVER

└ BUSINESS

└ STORAGE

◆STORAGE-ORIENTED :

☐ STORAGE

└ BUSINESS

└ SERVER

☐ STORAGE

└ SERVER

└ BUSINESS

⋮

⋮

⋮

2. MONITORING ITEM

SELECT ALL ITEMS TO BE MONITORED

◆BUSINESS

☒ BUSINESS 1

☐ BUSINESS 2

☐ BUSINESS 3

☐ BUSINESS 4

⋮

⋮

◆SERVER

☒ SERVER 1

☒ SERVER 2

☒ SERVER 3

☒ SERVER 4

⋮

⋮

⋮

⋮

⋮

FIG. 32B

POLICY SETTING VIEW DISPLAYED FOR
BUSINESS MANAGER (USER)

1. MONITORING VIEWPOINT

SELECT ONE MONITORING STRUCTURE
FROM THE FOLLOWING.

◆BUSINESS-ORIENTED :

☒ BUSINESS

☐ BUSINESS

└ SERVER

└ STORAGE

└ SERVER

└ STORAGE

FIG. 33

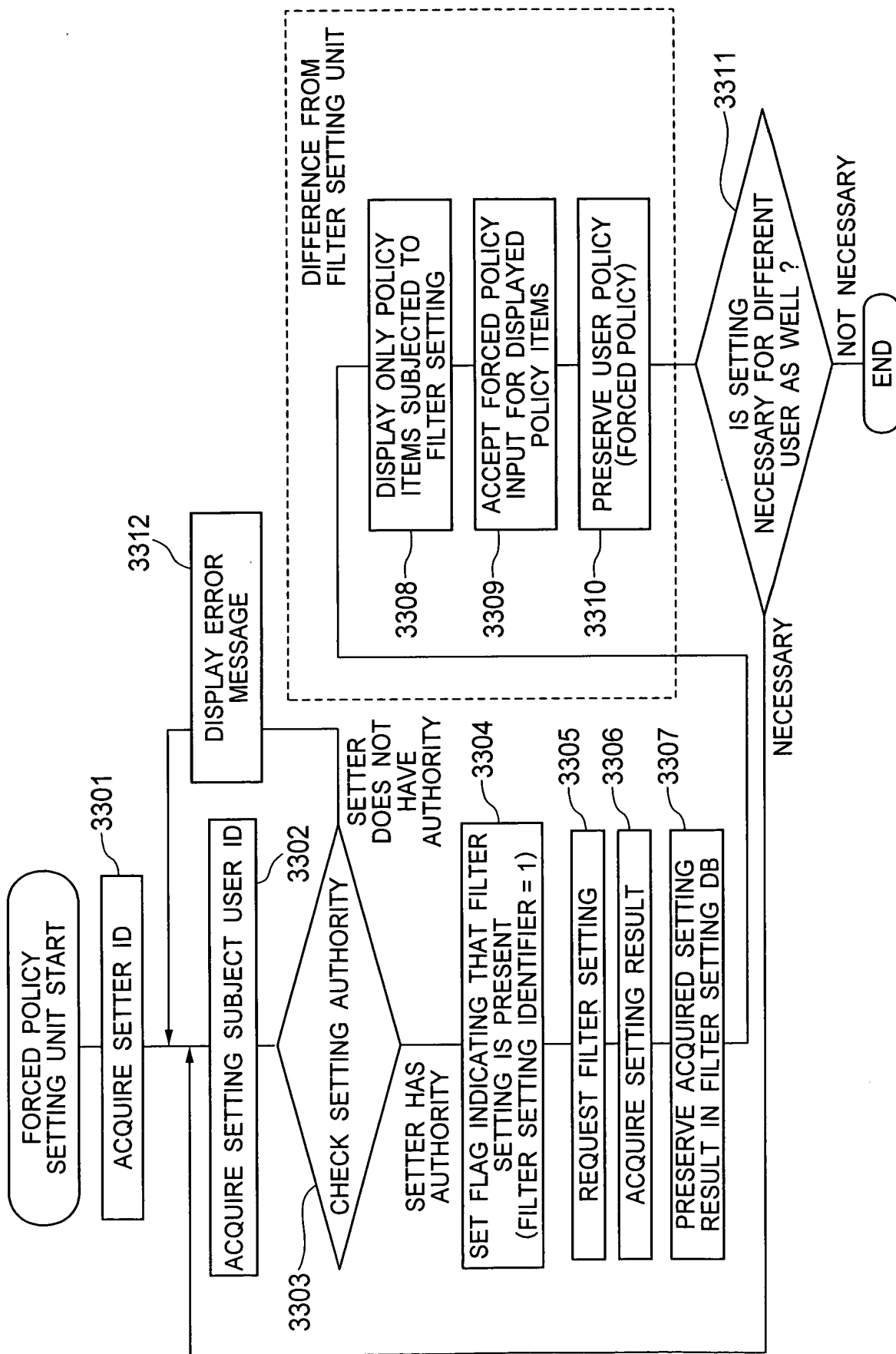


FIG. 34

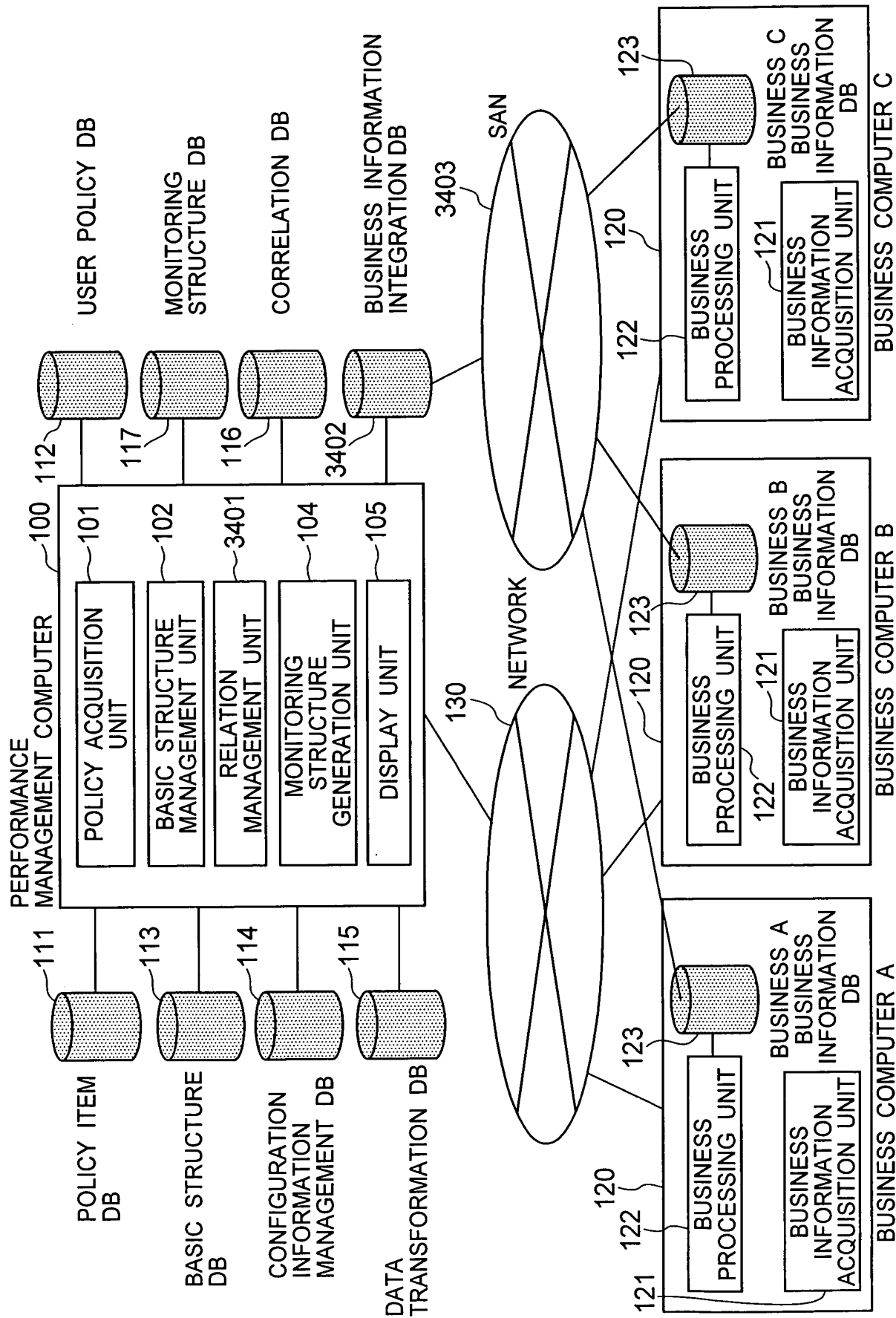


FIG. 35

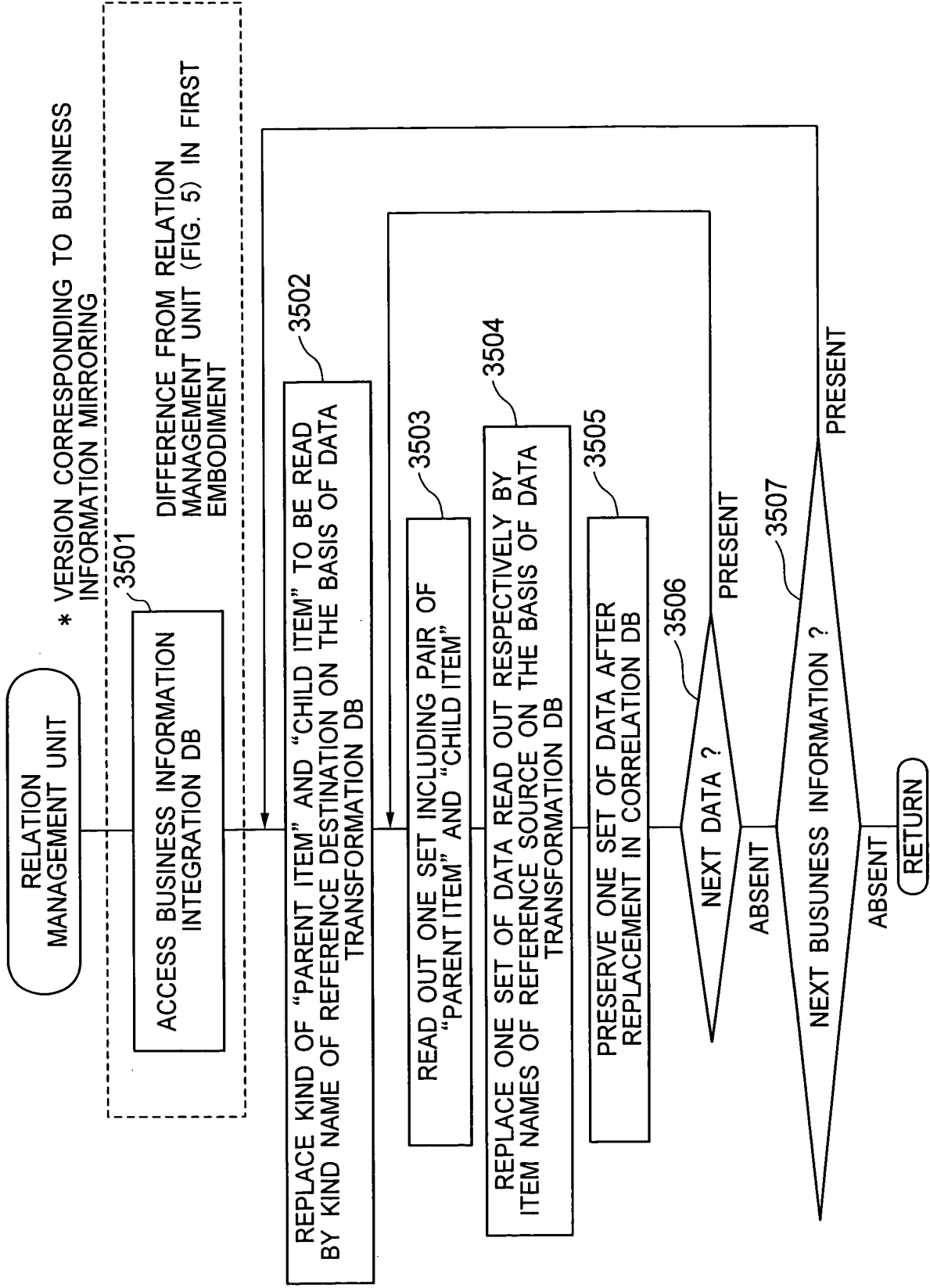


FIG. 36

BUSINESS INFORMATION
INTEGRATION DB

BUSINESS 1 BUSINESS INFORMATION DB
BUSINESS 2 BUSINESS INFORMATION DB
BUSINESS 3 BUSINESS INFORMATION DB
⋮
BUSINESS m BUSINESS INFORMATION DB

FIG. 37

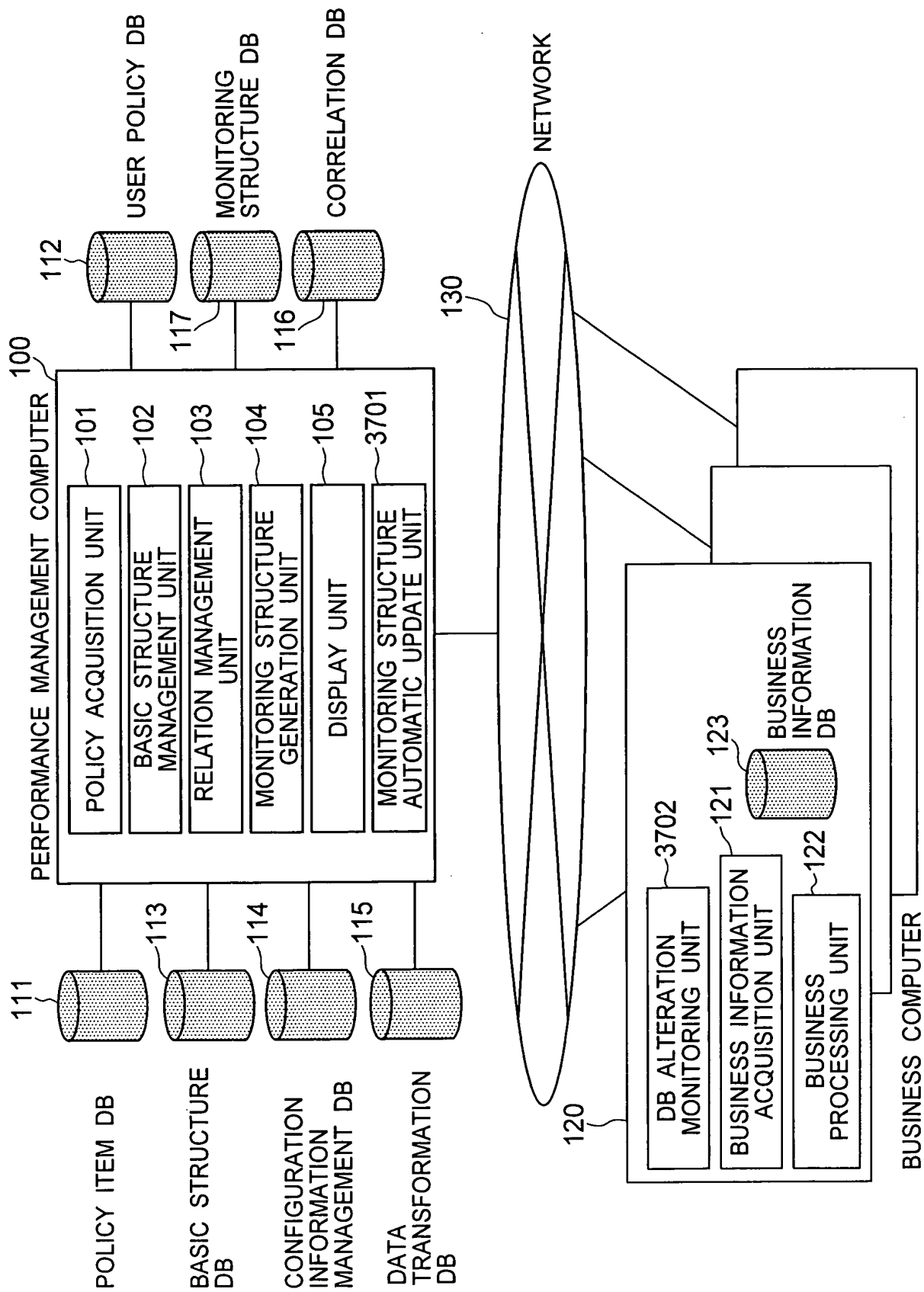


FIG. 38

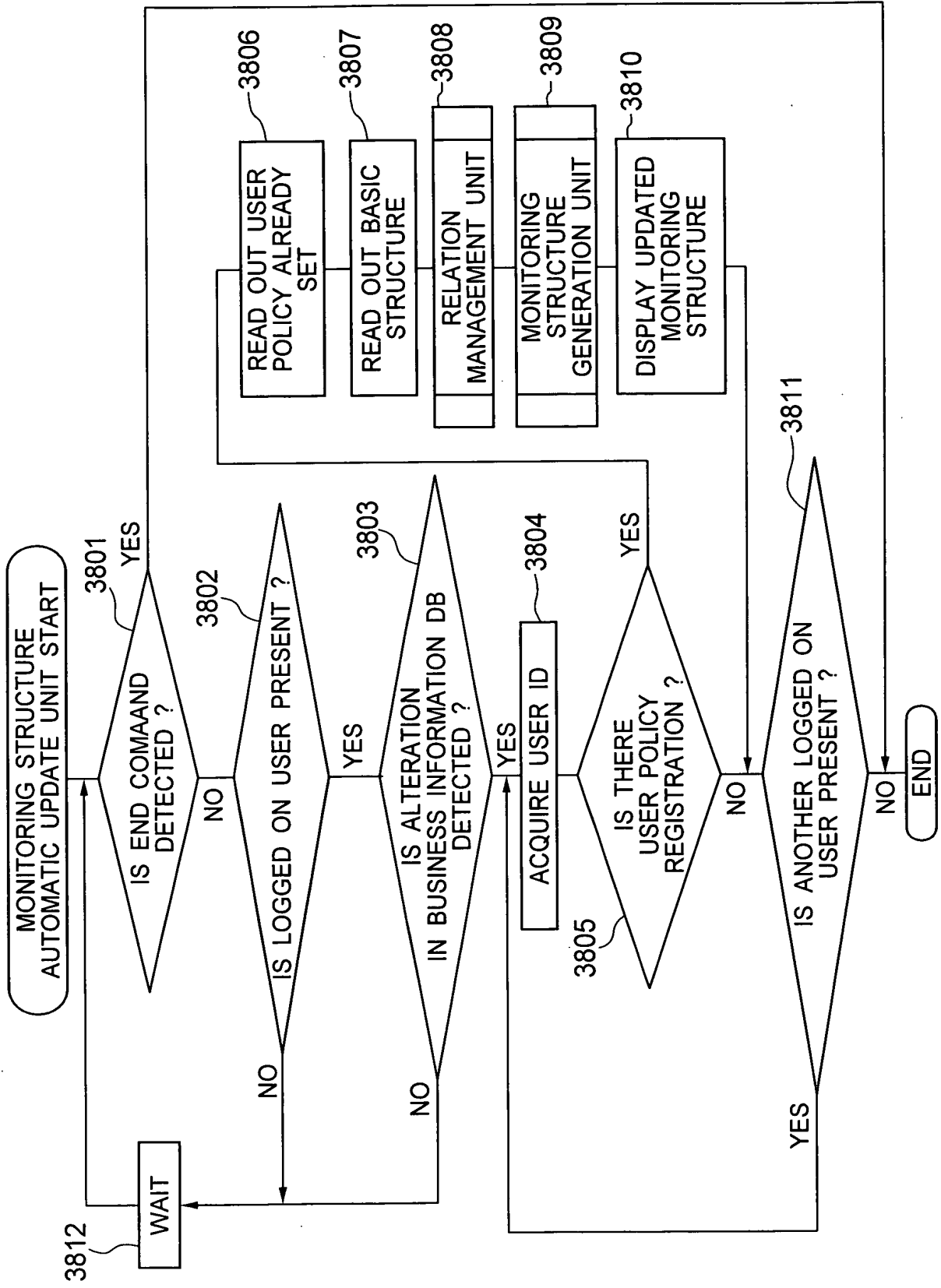


FIG. 39

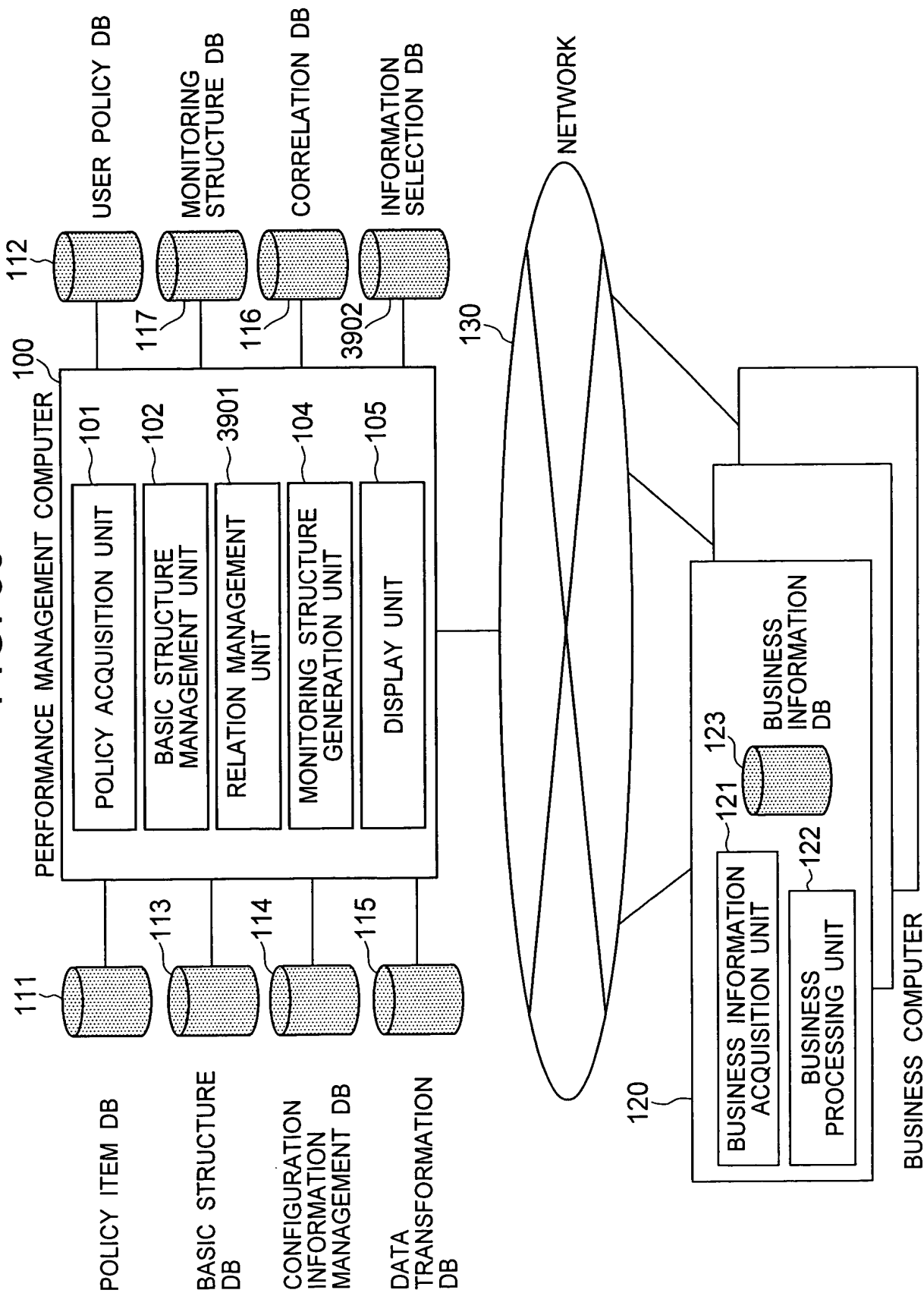


FIG. 40

* VERSION CORRESPONDING TO BUSINESS INFORMATION SKIP

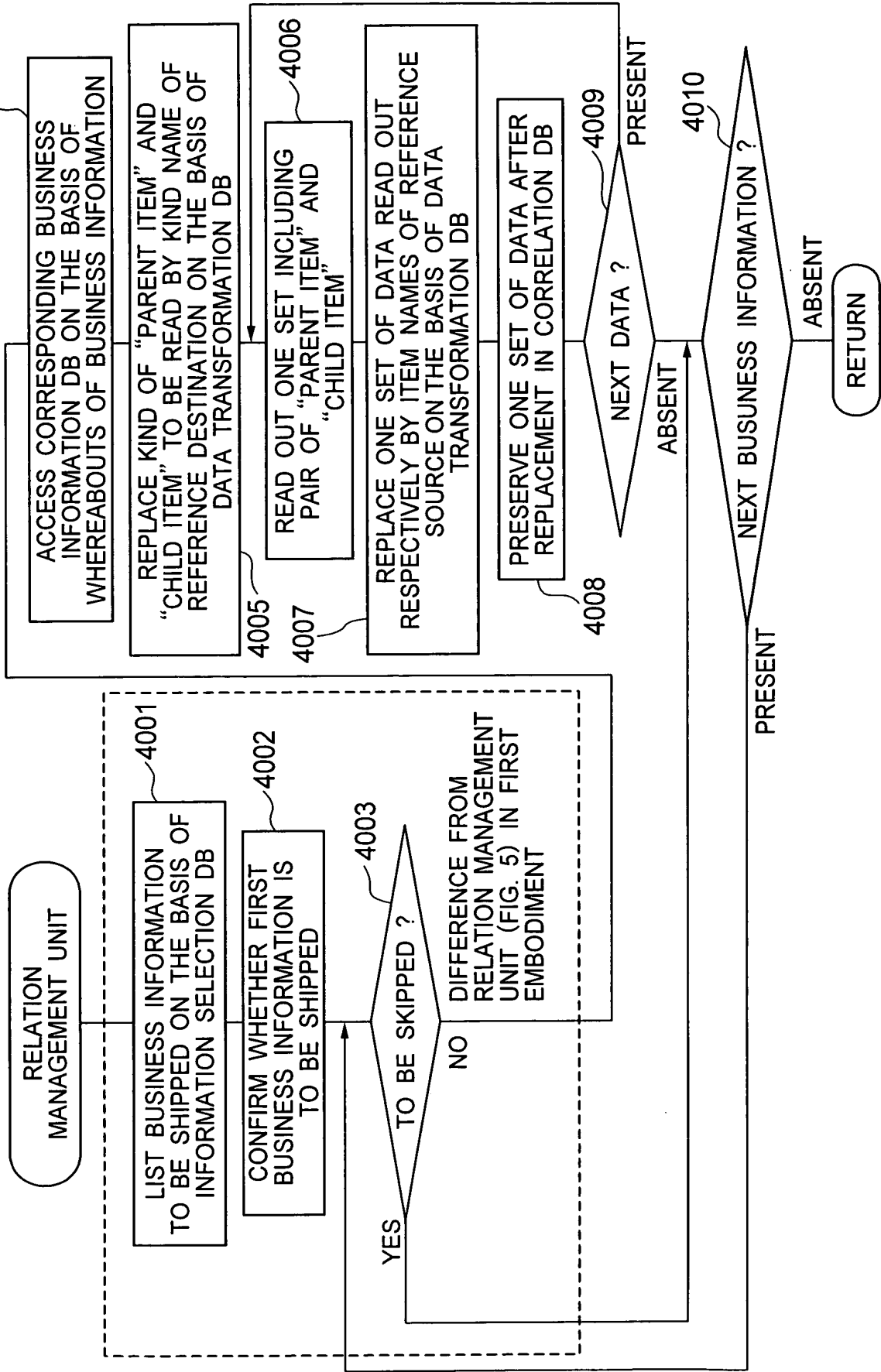


FIG. 41

INFORMATION SELECTION DB

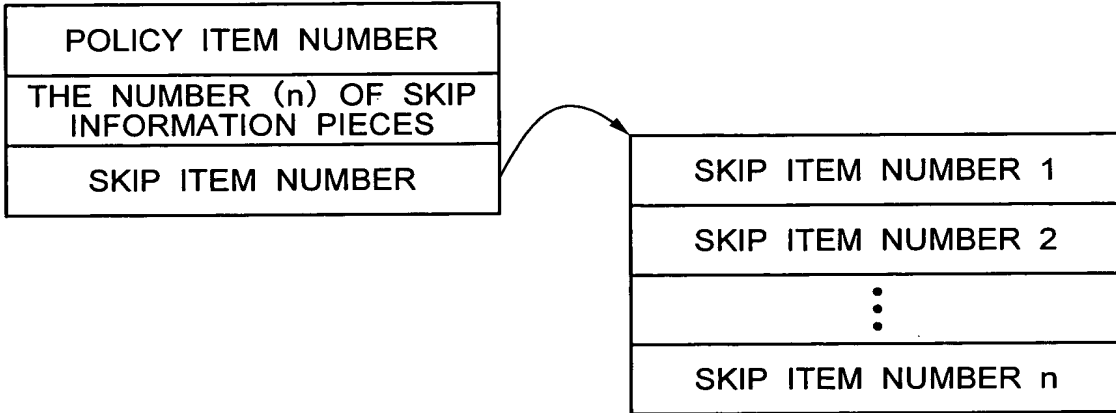


FIG. 42

POLICY ITEM NUMBER	THE NUMBER OF SKIP INFORMATION PIECES	SKIP ITEM NUMBER
1	0	
2	0	
⋮	⋮	
32	1	11
⋮	⋮	